

Converting Colors

$Yxy(44.1216, 0.2779, 0.2945)$

Have a look what the booklet for
Yxy(44.1216, 0.2779, 0.2945)
contains.

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Color

Yxy(44.1216, 0.2779, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	A0B3CD
RGB	160, 179, 205
RGB Percent	63%, 70%, 80%
CMY	0.3725, 0.2980, 0.1962
CMYK	0.22, 0.13, 0.00, 0.20
HSL	215°, 31%, 72%
HSV	215°, 22%, 80%
XYZ	41.6346, 44.1216, 64.0625
YIQ	176.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

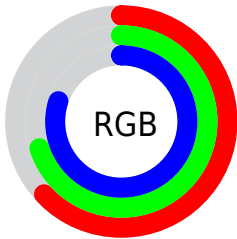
Format	Color
RYB	160, 173, 205
Decimal	10531789
CIELab	72.31, -0.91, -15.33
CIElCh	72, 15.358, 266.585
Yxy	44.1216, 0.2779, 0.2945
Android (android.graphics.Color)	4288721869 (0xFFA0B3CD)
YUV	176.2830, 14.1575, -14.2802
Hunter-Lab	66.4241, -4.3584, -10.6852

Details

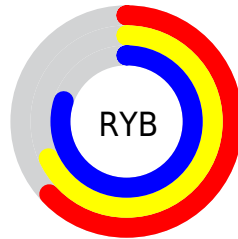
The Yxy color **44.1216, 0.2779, 0.2945** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.6202, 0.3502, 0.3612**, and the grayscale version is **43.5045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0837, 0.2880, 0.3082**, and **20.3442, 0.2680, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **37.6390, 0.2610, 0.2760**, and if you desaturate by 10%, it is **51.3634, 0.2942, 0.3113**.

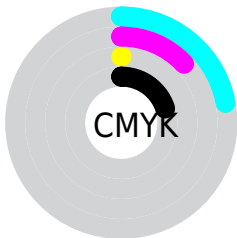
Distribution



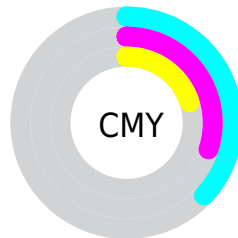
- Red (63%)
- Green (70%)
- Blue (80%)



- Red (63%)
- Yellow (68%)
- Blue (80%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (37%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1216, 0.2779, 0.2945 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 44.1216, 0.2779, 0.2945 by changing the saturation by 10% instead.

■ 44.1216, 0.2779,
0.2945

■ 44.1216, 0.2779,
0.2945

■ 363.2043, 0.2953,
0.3118

■ 30.7661, 0.2736,
0.2902

■ 81.4007, 0.2842,
0.3008

■ 20.4208, 0.2680,
0.2846

■ 106.0931, 0.2866,
0.3032

■ 12.7013, 0.2606,
0.2772

■ 135.3332, 0.2886,
0.3052

■ 7.2232, 0.2504,
0.2670

■ 169.5056, 0.2903,
0.3069

■ 3.6021, 0.2354,
0.2518

■ 208.9944, 0.2918,
0.3084

■ 1.4536, 0.2112,
0.2273

■ 254.1842, 0.2931,

■ 0.2557, 0.1174,

0.3097

0.1360

305.4594, 0.2943,
0.3108

0.0000, 0.0000,
0.0000

44.1216, 0.2779,
0.2945

44.1216, 0.2779,
0.2945

37.6390, 0.2610,
0.2760

51.3634, 0.2942,
0.3113

31.8830, 0.2440,
0.2559

59.3846, 0.3098,
0.3263

26.8263, 0.2274,
0.2345

68.2116, 0.3244,
0.3396

22.4374, 0.2116,
0.2123

77.8674, 0.3381,
0.3514

18.6823, 0.1974,
0.1898

86.9256, 0.3454,
0.3622

■ 15.5227, 0.1853,
0.1678

■ 94.0535, 0.3433,
0.3735

■ 12.9146, 0.1759,
0.1471

■ 97.1865, 0.3424,
0.3781

■ 11.1598, 0.1699,
0.1318

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.1216, 0.2712, 0.3052



44.1216, 0.2779, 0.2945



44.1216, 0.2938, 0.2929

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.1216, 0.2779, 0.2945



44.1216, 0.3518, 0.3328



44.1216, 0.3091, 0.3604

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.1216, 0.2779, 0.2945



50.6202, 0.3502, 0.3612

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.1216, 0.3309, 0.3677



44.1216, 0.2779, 0.2945



44.1216, 0.3560, 0.3507

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.1216, 0.2779, 0.2945



44.1216, 0.3366, 0.3146



44.1216, 0.3482, 0.3637



44.1216, 0.2888, 0.3437

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.1216, 0.2779, 0.2945



44.1216, 0.3078, 0.2969



44.1216, 0.3482, 0.3637



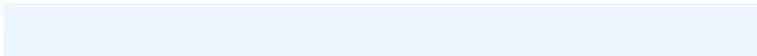
44.1216, 0.3165, 0.3640

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.1234, 0.2779, 0.2945



90.3691, 0.3019, 0.3188



54.6478, 0.2928, 0.3546



19.1716, 0.3009, 0.3178



0.0000, 0.0000, 0.0000



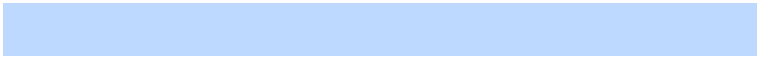
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.1234, 0.2779, 0.2945



67.4790, 0.2705, 0.2866



37.3369, 0.2785, 0.2687



11.6101, 0.2983, 0.3153



7.1288, 0.1707, 0.1344



0.5170, 0.1815, 0.1732

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.3739, 0.3387, 0.3054



62.5211, 0.3453, 0.3004



58.7418, 0.3431, 0.3837



11.2910, 0.3225, 0.3192



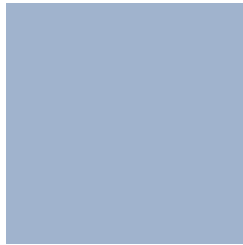
8.5226, 0.5266, 0.2675



0.4547, 0.4767, 0.2400

Previews

White Background



This preview shows how the Yxy color 44.1216, 0.2779, 0.2945 looks on a white background.

Color Contrast Check

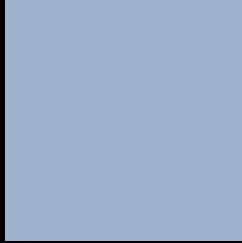
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 44.1216, 0.2779, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

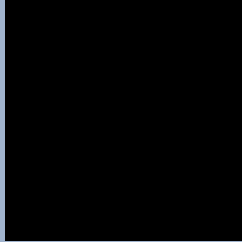
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

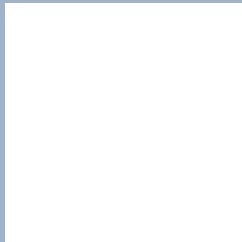
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1216, 0.2779, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 44.1216, 0.2779, 0.2945.



This preview shows how white text looks on a background with the Yxy color 44.1216, 0.2779, 0.2945.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.1216, 0.2779, 0.2945

Protanopia

44.1331, 0.2884, 0.2939

Deuteranopia

44.0467, 0.2926, 0.2870



Tritanopia

44.2570, 0.2835, 0.3100

Trichromacy



Original Color

44.1216, 0.2779, 0.2945

Protanomaly

44.1287, 0.2846, 0.2936

Deuteranomaly

44.0004, 0.2870, 0.2889

Tritanomaly

44.1370, 0.2814, 0.3034

Monochromacy



Original Color

44.1216, 0.2779, 0.2945

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5782, 0.2988, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1216, 0.2779, 0.2945 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 179, 205)` looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 179, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 205) }
```

Border

The CSS property to change the border of an element to Yxy 44.1216, 0.2779, 0.2945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 179, 205) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(160, 179, 205) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(160, 179, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 205);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1216, 0.2779, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 179, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160,  
179, 205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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